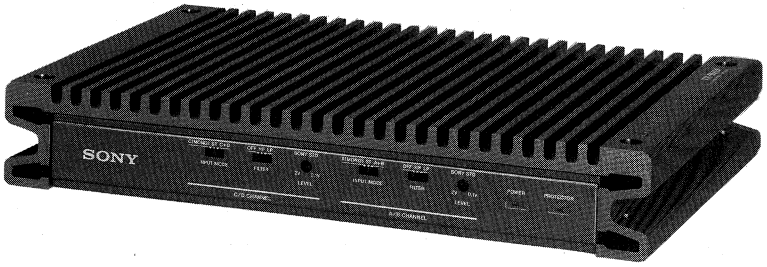
XM-540F

SERVICE MANUAL

US Model
Canadian Model
AEP Model
UK Model
E Model



SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION 55 watts per channel minimum continuous average power into 4 ohms, both channels driven from 20-20,000Hz with no more than 0.08% total harmonic distortion per Car Stereo Ad Hoc Committee standards.

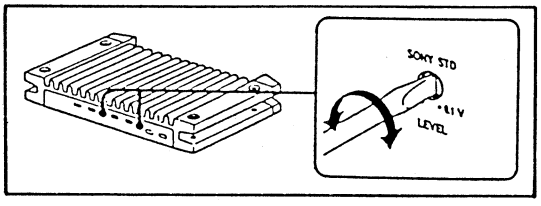
Other Specifications

Power supply system	Pulse power supply circuitry
Input	Car stereo input (phono jack)
Outputs	Speaker outputs
Speaker impedance	2–8 ohms
Maximum power output	4 ch : 100 watts×4 at 4 ohms 3 ch : 100 watts×2+220 watts at 4 ohms 2 ch : 220 watts×2 at 4 ohms
Frequency response	8Hz–100kHz $^{+0}_{-3}$dB (4 ohms)
Crossover frequency	High Pass Filter 80Hz Low Pass Filter 80Hz
Crossover slope	High Pass Filter 18dB/oct Low Pass Filter 18dB/oct
Harmonic distortion	0.005%
Input level adjustment range	0.1–2V
Power requirements	12V DC car battery (negative ground)
Current drain	36A (at rated output)
Input remote current	5mA
Dimensions	Approx. 360×57×240mm (w/h/d) (14¼×2¼×9½ inches)
Weigh	Approx. 4.9kg (8 lb. 4 oz.)
Accessories supplied	Mounting screws (4)

Design and specifications subject to change without notice.

Level Adjustment Control

The input level can be varied with this control. Use it to adjust the input sound level when using source equipment of other manufacturers. Be sure to set the control to SONY STD if the unit is connected to a SONY car stereo. Turn it to 0.1V when the input level of the cassette car stereo or CD player seems low.



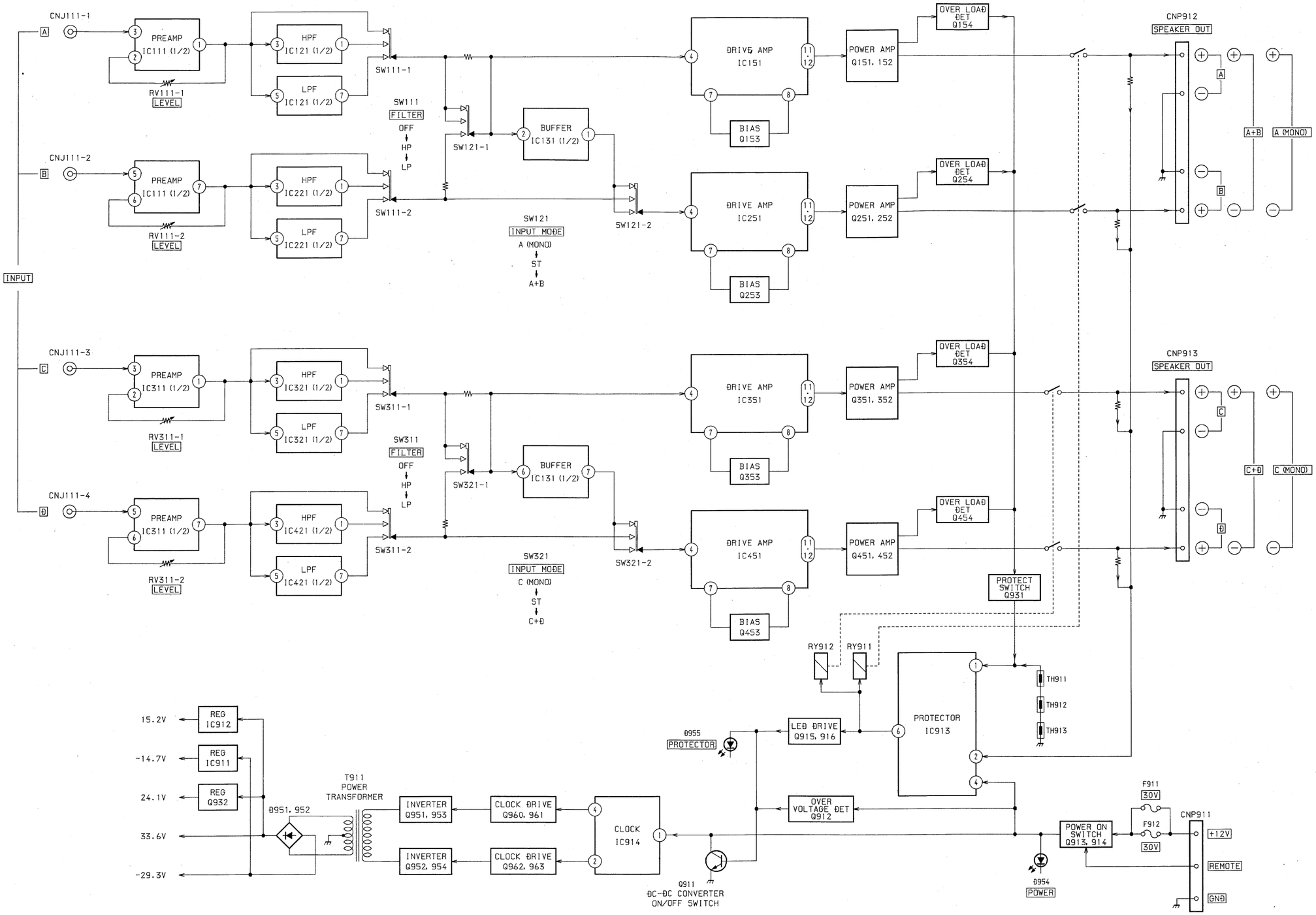
MICROFILM

STEREO POWER AMPLIFIER

SONY®

SECTION 1
DIAGRAMS

1-1. BLOCK DIAGRAM



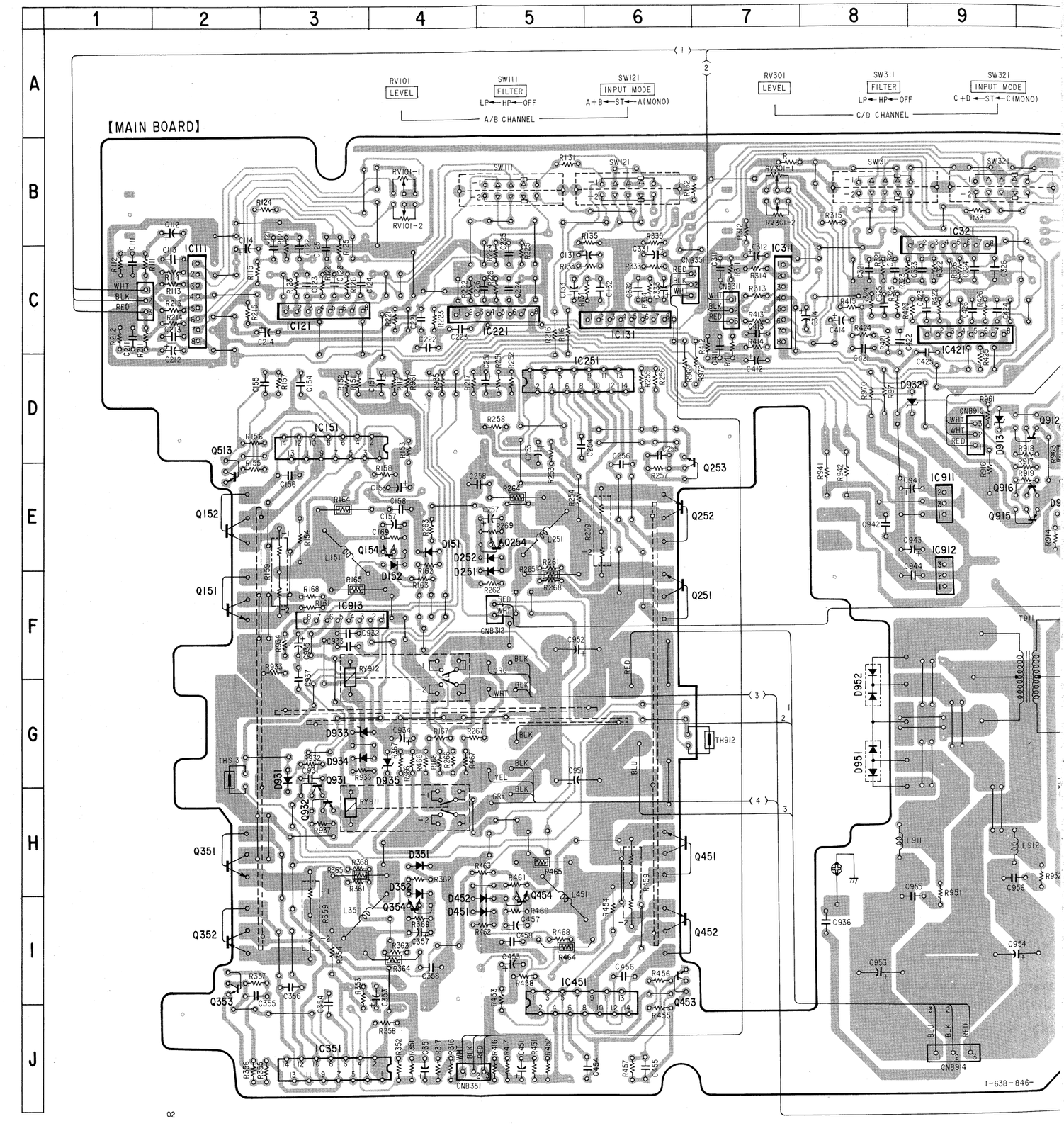
• SEMICONDUCTOR LOCATION

Ref. No.	Location	Ref. No.	Location
IC111	C-2	Q932	H-3
IC121	C-3	Q951	G-12
IC131	C-6	Q952	E-12
IC151	D-3	Q953	G-12
IC221	C-5	Q954	E-12
IC251	D-5	Q960	D-11
IC311	C-7	Q961	D-11
IC321	B-9	Q962	D-11
IC351	J-3	Q963	D-11
IC421	C-9		
IC451	I-5	D151	E-4
IC911	E-9	D152	E-4
IC912	F-9	D251	E-5
IC913	F-3	D252	E-5
IC914	C-11	D351	H-4
		D352	H-4
Q151	F-2	D451	I-5
Q152	E-2	D452	I-5
Q154	E-4	D911	C-11
Q251	F-6	D912	E-10
Q252	E-6		
		D913	D-9
Q253	E-6	D914	H-10
Q254	E-5	D915	E-10
Q351	H-2	D916	C-11
Q352	I-2	D931	G-3
Q353	I-2		
		D932	D-8
Q354	I-4	D933	G-3
Q451	H-6	D934	G-3
Q452	I-6	D935	G-4
Q453	I-6	D951	G-8
Q454	I-5		
		D952	G-8
Q513	E-2	D953	D-10
Q911	C-12	D954	C-15
Q912	D-10	D955	C-14
Q913	E-11		
Q914	E-10		
Q915	E-10		
Q916	E-10		
Q931	G-3		

Note :

- ○— : parts extracted from the component side.
- ▒▒ : Pattern on the side which is seen.

1-2. PRINTED WIRING BOARDS



RV301 LEVEL

SW311 FILTER LP—HP—OFF

SW321 INPUT MODE C+D—ST—C(MONO)

C/D CHANNEL

【LED BOARD】

【INPUT BOARD】

【TRANSFORMER BOARD】

【POWER BOARD】

I-638-846-

I-638-849-

I-638-850-

I-638-852-

I-638-851-

I-638-847-

I-638-848-

SPEAKER OUT

【MAIN BOARD】

IC111 NJM4580 PREAMP

IC121 NJM4580 H·P·F/L·P·F

IC131 NJM4580 INVERTER AMP

IC221 NJM4580 H·P·F/L·P·F

IC311 NJM4580 PREAMP

IC321 NJM4580 H·P·F/L·P·F

IC421 NJM4580 H·P·F/L·P·F

IC151 µPC1298 DRIVE AMP

IC251 µPC1298 DRIVE AMP

IC351 µPC1298 DRIVE AMP

IC451 µPC1298 DRIVE AMP

Q152 2SA1232 POWER AMP

Q153 2SC945 BIAS

Q252 2SA1232 POWER AMP

Q253 2SC945 BIAS

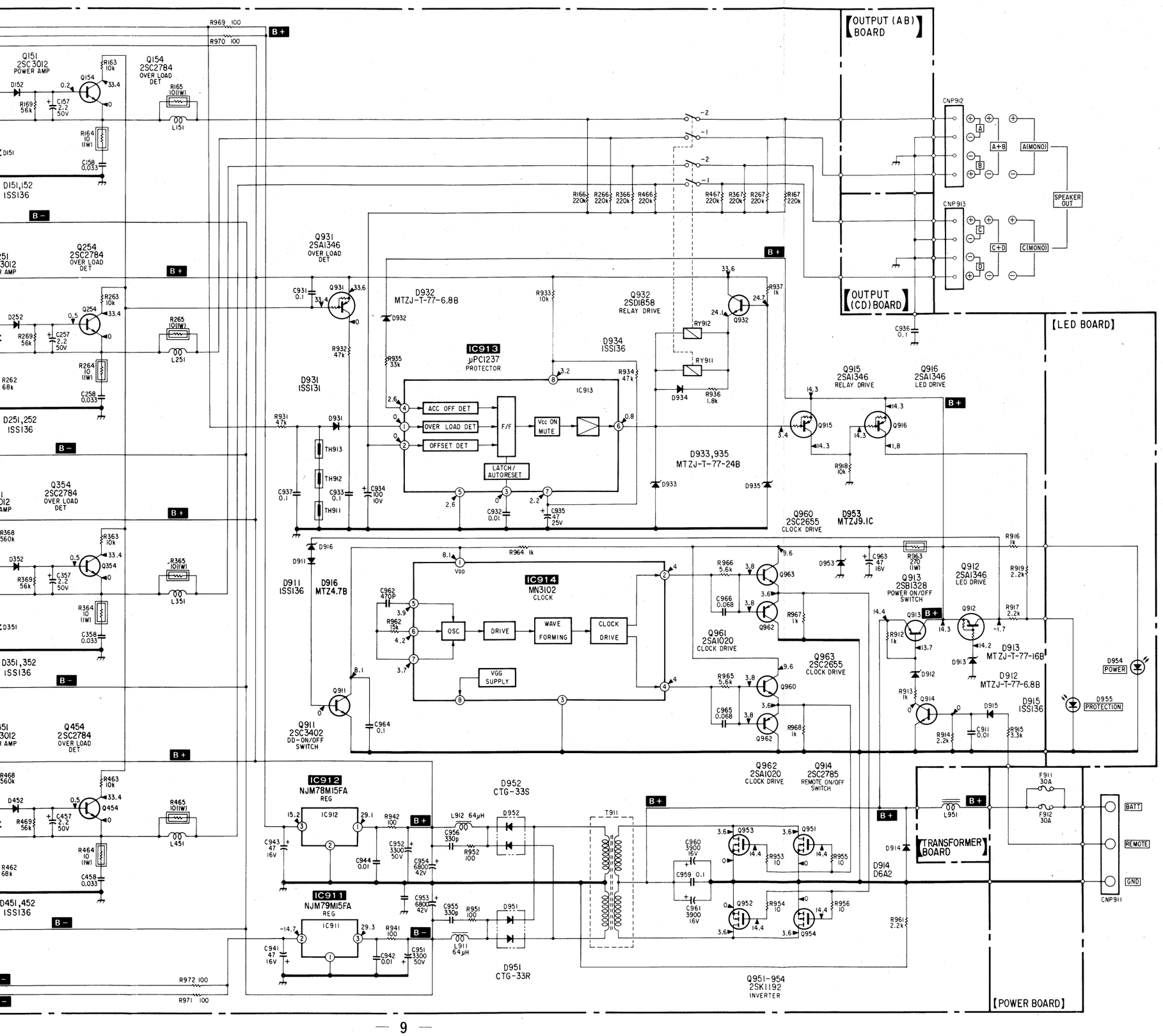
Q352 2SA1232 POWER AMP

Q353 2SC945 BIAS

Q452 2SA1232 POWER AMP

Q453 2SC945 BIAS

【INPUT BOARD】



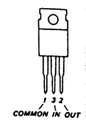
Note :

- All capacitors are in μF unless otherwise noted. pF : μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼W or less unless otherwise specified.
- % : indicates tolerance.
- FW : nonflammable resistor.
- B+ : B+ Line
- B− : B− Line
- Power voltage is dc 14.4V and fed with regulated dc power supply from +12V and REMOTE terminals.
- no mark : INPUT MODE switch : STEREO
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : L−CH (A−CH)

• SEMICONI

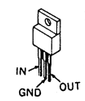
MN3102

NJM79M15



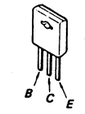
NJM4580

RC78M15I



UPC129E

2SA123Z
2SC3012

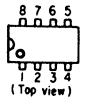


Note :

- All capacitors are in μF unless otherwise noted. pF : μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼W or less unless otherwise specified.
- % : indicates tolerance.
- FW : nonflammable resistor.
- B+ : B+ Line
- B− : B− Line
- Power voltage is dc 14.4V and fed with regulated dc power supply from +12V and REMOTE terminals.
- no mark : INPUT MODE switch : STEREO
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : L−CH (A−CH)

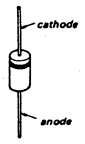
• SEMICONDUCTOR LEAD LAYOUTS

MN3102

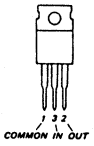


2SB740
2SC2655

1S1585

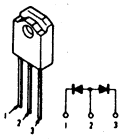


NJM79M15FA

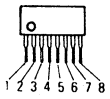


2SC2784
2SC2785-HFE

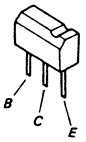
CTG-33R



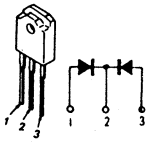
NJM4580L



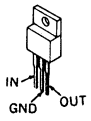
2SD1055



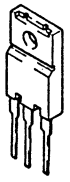
CTG-33S



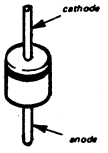
RC78M15FA



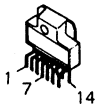
2SK1192



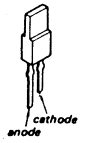
D6A2



UPC1298V

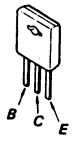


GL8PG24
SLP-151B-66

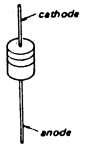


DTA124ES

2SA1232
2SC3012



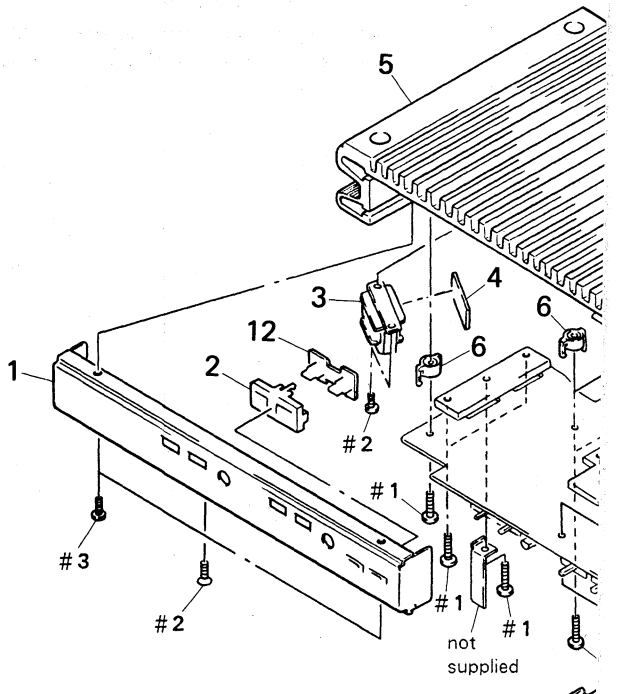
RD6.8ES-B2
RD18ES-B2
RD24ES-B

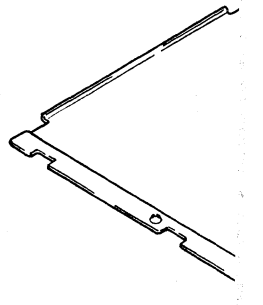


SECTIOI
EXPLODED

NOTE:

- −XX, −X mean standardized parts, so they may have some differences from the original one.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Color indication of Appearance Parts Example:
  KNOB, BALANCE (WHITE)....(RED)
  ↑ ↑
  Parts color Cabinet's color
- Items marked "*" since they are seld routine service. Some anticipated when ord
- The mechanical parts number in the explod supplied.
- Hardware (# mark) lis last of this parts list.



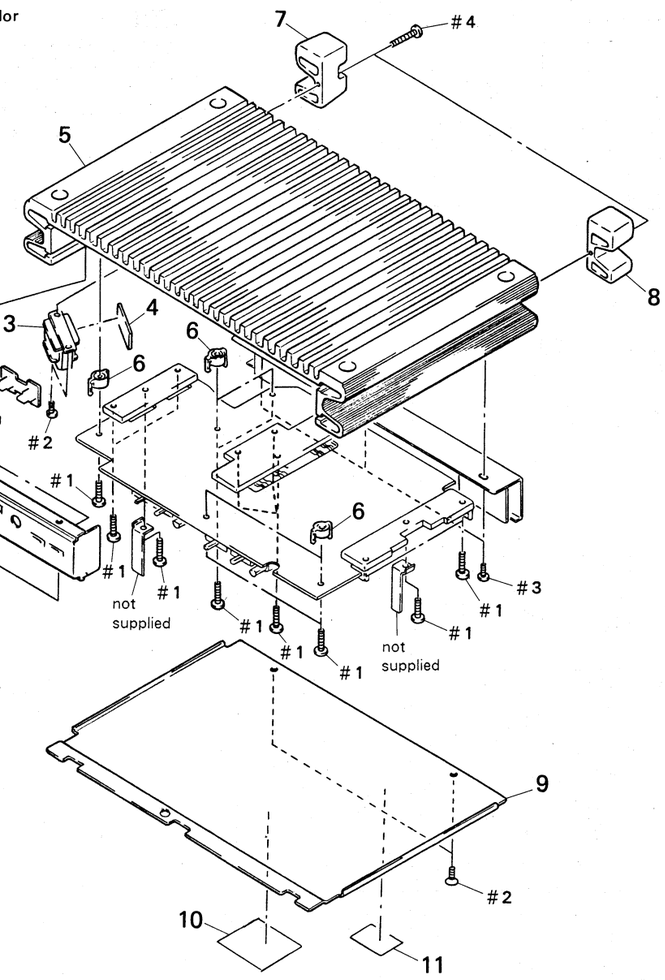


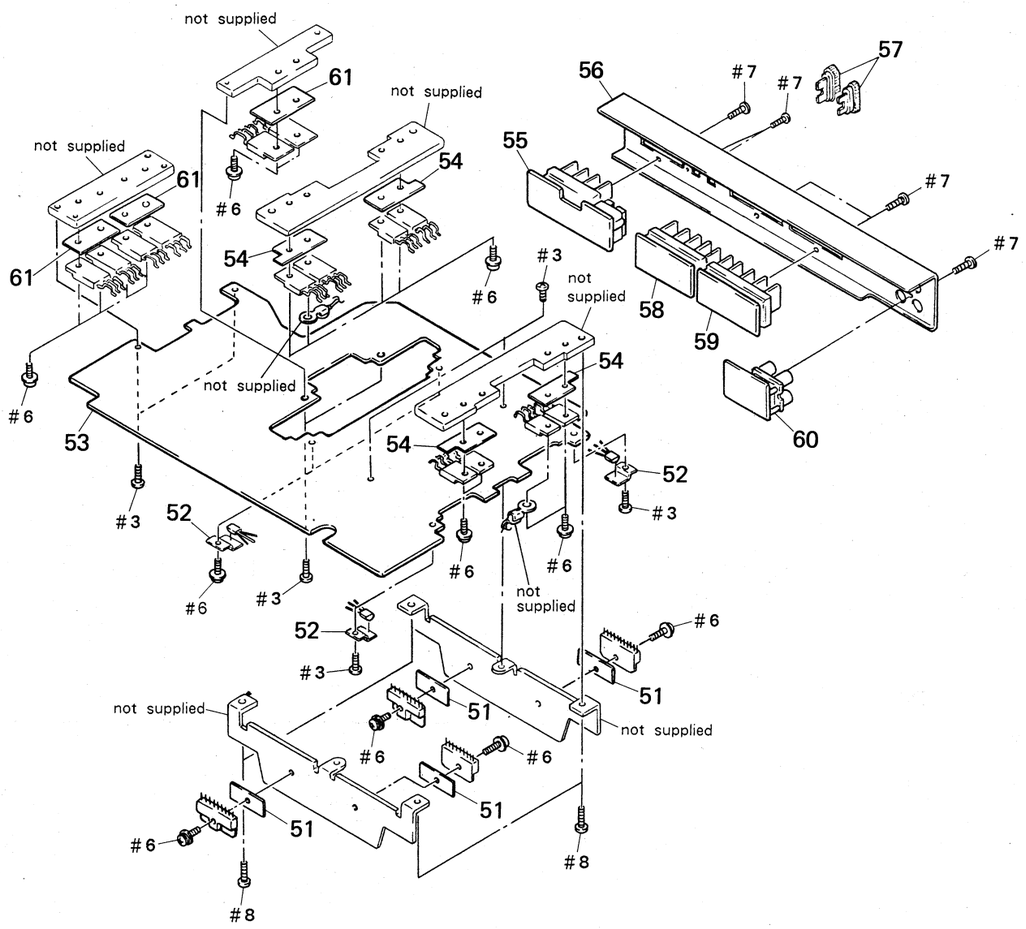
10

Ref. No.	Part No.	Description	Remark
1	3-367-678-01	PANEL (FRONT) (AEP/UK/E/Germany)	
	3-367-678-11	PANEL (FRONT) (US/Canadian)	
2	3-396-126-01	HOLDER (LED)	
3	1-424-324-11	COIL, CHOKE 0.4MMH	
4	* 1-638-852-11	TRANSFORMER BOARD	
5	* 3-367-677-01	HEAT SINK	
6	* 3-395-832-01	SPACER	

SECTION 2
EXPLODED VIEWS

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (#mark) list is given in the last of this parts list.





Ref.No.	Part No.	Description	Remark
	* 1-638-849-11	INPUT BOARD	
		**********	
		< CAPACITOR >	
C115	1-102-112-00	CERAMIC 330PF 10% 50V	
C215	1-102-112-00	CERAMIC 330PF 10% 50V	
C315	1-102-112-00	CERAMIC 330PF 10% 50V	
C415	1-102-112-00	CERAMIC 330PF 10% 50V	
C938	1-102-112-00	CERAMIC 330PF 10% 50V	
		< CONNECTOR >	
CNJ111	1-573-173-11	JACK, PIN (4P) (INPUT)	
**********			
	* 1-638-850-11	LED BOARD	
		*********	
		< DIODE >	
D954	8-719-979-90	DIODE SLP-151B-60 (POWER)	
D955	8-719-938-11	DIODE GL8PR24 (PROTECTION)	
**********			

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- −XX, −X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms
  METAL : Metal-film resistor
  METAL OXIDE : Metal Oxide-film resistor
  F : nonflammable
- Items marked "*" are they are seldom re service. Some delay cipated when ordering
- SEMICONDUCTORS
  In each case, u : μ, fo
  uA.... : μA...., uPA.... :
  uPB.... : μPB...., uPC...
  uPD.... : μPD....
- CAPACITORS
  uF : μF
- COILS
  uH : μH

Ref.No.	Part No.	Description	Remark
7	* 3-396-146-01	PROTECTOR (L)	
8	* 3-396-147-01	PROTECTOR (R)	
9	* 3-396-143-01	COVER (BOTTOM)	
10	* 3-368-734-01	LABEL, INDICATOR	
11	* 3-367-536-01	LABEL, MODEL NUMBER (U) (US/AEP/UK/E)	
	* 3-367-537-01	LABEL, MODEL NUMBER (CU) (Canadian)	
	* 3-367-538-01	LABEL, MODEL NUMBER (AE6) (Germany)	
12	* 1-638-850-11	LED BOARD	

Ref.No.	Part No.	Description	Remark
51	3-396-140-01	SHEET (A), INSULATING	
52	* 3-367-687-01	BRACKET (A)	
53	* A-3273-496-A	MAIN BOARD, COMPLETE	
54	3-367-691-01	SHEET (C), INSULATING	
55	* 1-638-851-11	POWER BOARD	
56	* 3-367-679-01	PANEL (REAR)	

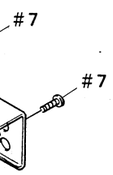
Ref.No.	Part No.	Description	Remark
57	1-532-947-11	FUSE (BRADE TYPE) (AUTO FUSE) (30A)	
58	1-638-847-11	OUTPUT (CD) BOARD	
59	* 1-638-847-11	OUTPUT (AB) BOARD	
60	* 1-638-849-11	INPUT BOARD	
61	3-396-140-01	SHEET (B), INSULATING	

SECTION 3
ELECTRICAL PARTS LIST INPUT LED MAIN

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- −XX, −X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms
  METAL : Metal-film resistor
  METAL OXIDE : Metal Oxide-film resistor
  F : nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: μ, for example:
  uA....: μA...., uPA....: μPA....
  uPB....: μPB...., uPC....: μPC....
  uPD....: μPD....
- CAPACITORS
  uF: μF
- COILS
  uH: μH

When indicating parts by reference number, please include the board name.



Ref.No.	Part No.	Description			Remark
	* 1-638-849-11	INPUT BOARD			
		**********			
		< CAPACITOR >			
C115	1-102-112-00	CERAMIC	330PF	10% 50V	
C215	1-102-112-00	CERAMIC	330PF	10% 50V	
C315	1-102-112-00	CERAMIC	330PF	10% 50V	
C415	1-102-112-00	CERAMIC	330PF	10% 50V	
C938	1-102-112-00	CERAMIC	330PF	10% 50V	
		< CONNECTOR >			
CNJ111	1-573-173-11	JACK, PIN (4P) (INPUT)			
**********					
	* 1-638-850-11	LED BOARD			
		*********			
		< DIODE >			
D954	8-719-979-90	DIODE	SLP-151B-60 (POWER)		
D955	8-719-938-11	DIODE	GL8PR24 (PROTECTION)		
**********					

Ref.No.	Part No.	Description			Remark
	* A-3273-496-A	MAIN BOARD, COMPLETE			
		**********			
	* 3-367-687-01	BRACKET (A)			
	3-396-140-01	SHEET (A), INSULATING			
	3-396-140-01	SHEET (B), INSULATING			
	3-367-691-01	SHEET (C), INSULATING			
	7-682-948-01	SCREW +PSW 3X8			
	7-685-645-79	SCREW +BVTP 3X6 TYPE2			
		< CAPACITOR >			
C111	1-102-110-00	CERAMIC	220PF	10% 50V	
C112	1-124-903-11	ELECT	1uF	20% 50V	
C113	1-102-963-00	CERAMIC	33PF	5% 50V	
C114	1-123-356-00	ELECT	10uF	20% 16V	
C121	1-130-491-00	MYLAR	0.047uF	5% 50V	
C122	1-130-491-00	MYLAR	0.047uF	5% 50V	
C123	1-130-491-00	MYLAR	0.047uF	5% 50V	
C124	1-136-166-00	MYLAR	0.12uF	5% 50V	
C125	1-136-162-00	FILM	0.056uF	5% 50V	
C126	1-130-481-00	MYLAR	0.0068uF	5% 50V	
C131	1-123-356-00	ELECT	10uF	20% 16V	
C132	1-102-951-00	CERAMIC	15PF	5% 50V	
C133	1-123-356-00	ELECT	10uF	20% 16V	
C151	1-123-356-00	ELECT	10uF	20% 16V	
C153	1-123-332-00	ELECT	47uF	20% 25V	
C154	1-102-953-00	CERAMIC	18PF	5% 50V	
C155	1-102-110-00	CERAMIC	220PF	10% 50V	
C156	1-130-493-00	MYLAR	0.068uF	5% 50V	
C157	1-123-381-00	ELECT	2.2uF	20% 100V	
C158	1-130-489-00	MYLAR	0.033uF	5% 50V	
C211	1-102-110-00	CERAMIC	220PF	10% 50V	
C212	1-124-903-11	ELECT	1uF	20% 50V	
C213	1-102-963-00	CERAMIC	33PF	5% 50V	

MAIN

Ref.No.	Part No.	Description			Remark
C214	1-123-356-00	ELECT	10uF	20% 16V	
C221	1-130-491-00	MYLAR	0.047uF	5% 50V	
C222	1-130-491-00	MYLAR	0.047uF	5% 50V	
C223	1-130-491-00	MYLAR	0.047uF	5% 50V	
C224	1-136-166-00	MYLAR	0.12uF	5% 50V	
C225	1-136-162-00	FILM	0.056uF	5% 50V	
C226	1-130-481-00	MYLAR	0.0068uF	5% 50V	
C251	1-123-356-00	ELECT	10uF	20% 16V	
C253	1-123-332-00	ELECT	47uF	20% 25V	
C254	1-102-953-00	CERAMIC	18PF	5% 50V	
C255	1-102-110-00	CERAMIC	220PF	10% 50V	
C256	1-130-493-00	MYLAR	0.068uF	5% 50V	
C257	1-123-381-00	ELECT	2.2uF	20% 100V	
C258	1-130-489-00	MYLAR	0.033uF	5% 50V	
C311	1-102-110-00	CERAMIC	220PF	10% 50V	
C312	1-124-903-11	ELECT	1uF	20% 50V	
C313	1-102-963-00	CERAMIC	33PF	5% 50V	
C314	1-123-356-00	ELECT	10uF	20% 16V	
C321	1-130-491-00	MYLAR	0.047uF	5% 50V	
C322	1-130-491-00	MYLAR	0.047uF	5% 50V	
C323	1-130-491-00	MYLAR	0.047uF	5% 50V	
C324	1-136-166-00	MYLAR	0.12uF	5% 50V	
C325	1-136-162-00	FILM	0.056uF	5% 50V	
C326	1-130-481-00	MYLAR	0.0068uF	5% 50V	
C331	1-123-356-00	ELECT	10uF	20% 16V	
C332	1-102-951-00	CERAMIC	15PF	5% 50V	
C333	1-123-356-00	ELECT	10uF	20% 16V	
C351	1-123-356-00	ELECT	10uF	20% 16V	
C353	1-123-332-00	ELECT	47uF	20% 25V	
C354	1-102-953-00	CERAMIC	18PF	5% 50V	
C355	1-102-110-00	CERAMIC	220PF	10% 50V	
C356	1-130-493-00	MYLAR	0.068uF	5% 50V	
C357	1-123-381-00	ELECT	2.2uF	20% 100V	
C358	1-130-489-00	MYLAR	0.033uF	5% 50V	
C411	1-102-110-00	CERAMIC	220PF	10% 50V	
C412	1-124-903-11	ELECT	1uF	20% 50V	
C413	1-102-963-00	CERAMIC	33PF	5% 50V	
C414	1-123-356-00	ELECT	10uF	20% 16V	
C421	1-130-491-00	MYLAR	0.047uF	5% 50V	
C422	1-130-491-00	MYLAR	0.047uF	5% 50V	
C423	1-130-491-00	MYLAR	0.047uF	5% 50V	
C424	1-136-166-00	MYLAR	0.12uF	5% 50V	
C425	1-136-162-00	FILM	0.056uF	5% 50V	
C426	1-130-481-00	MYLAR	0.0068uF	5% 50V	
C451	1-123-356-00	ELECT	10uF	20% 16V	
C453	1-123-332-00	ELECT	47uF	20% 25V	
C454	1-102-953-00	CERAMIC	18PF	5% 50V	
C455	1-102-110-00	CERAMIC	220PF	10% 50V	

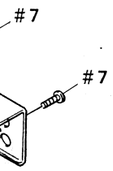
Ref.No.	Part No.	Description			Remark
C456	1-130-493-00	MYLAR	0.068uF	5% 50V	
C457	1-123-381-00	ELECT	2.2uF	20% 100V	
C458	1-130-489-00	MYLAR	0.033uF	5% 50V	
C911	1-102-129-00	CERAMIC	10000PF	10% 50V	
C931	1-136-366-00	FILM	0.1uF	5% 50V	
C932	1-102-129-00	CERAMIC	10000PF	10% 50V	
C933	1-136-366-00	FILM	0.1uF	5% 50V	
C934	1-126-101-11	ELECT	100uF	20% 16V	
C935	1-123-306-00	ELECT	47uF	20% 10V	
C936	1-136-366-00	FILM	0.1uF	5% 50V	
C937	1-136-366-00	FILM	0.1uF	5% 50V	
C941	1-123-306-00	ELECT	47uF	20% 10V	
C942	1-102-129-00	CERAMIC	10000PF	10% 50V	
C943	1-123-306-00	ELECT	47uF	20% 10V	
C944	1-102-129-00	CERAMIC	10000PF	10% 50V	
C951	1-126-995-11	ELECT	3300uF	20% 50V	
C952	1-126-995-11	ELECT	3300uF	20% 50V	
C953	1-126-994-11	ELECT	6800uF	20% 42V	
C954	1-126-994-11	ELECT	6800uF	20% 42V	
C955	1-102-112-00	CERAMIC	330PF	10% 50V	
C956	1-102-112-00	CERAMIC	330PF	10% 50V	
C957	1-102-820-00	CERAMIC	330PF	5% 50V	
C958	1-102-820-00	CERAMIC	330PF	5% 50V	
C959	1-136-366-00	FILM	0.1uF	5% 50V	
C960	1-126-993-11	ELECT	3900uF	20% 16V	
C961	1-126-993-11	ELECT	3900uF	20% 16V	
C962	1-136-367-11	FILM	470PF	5% 50V	
C963	1-123-306-00	ELECT	47uF	20% 10V	
C964	1-161-063-00	CERAMIC	0.1uF	10% 50V	
C965	1-130-493-00	MYLAR	0.068uF	5% 50V	
C966	1-130-493-00	MYLAR	0.068uF	5% 50V	
		< DIODE >			
D151	8-719-815-85	DIODE	1S1585		
D152	8-719-815-85	DIODE	1S1585		
D251	8-719-815-85	DIODE	1S1585		
D252	8-719-815-85	DIODE	1S1585		
D351	8-719-815-85	DIODE	1S1585		
D352	8-719-815-85	DIODE	1S1585		
D451	8-719-815-85	DIODE	1S1585		
D452	8-719-815-85	DIODE	1S1585		
D911	8-719-815-85	DIODE	1S1585		
D912	8-719-109-97	DIODE	RD6.8ES-B2		
D913	8-719-110-49	DIODE	RD18ES-B2		
D914	8-719-981-30	DIODE	D6A2		
D915	8-719-815-85	DIODE	1S1585		
D916	8-719-010-34	DIODE	UZ-4.7BSC		
D931	8-719-815-85	DIODE	1S1585		

SECTION 3
ELECTRICAL PARTS LIST INPUT LED MAIN

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- −XX, −X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms
  METAL : Metal-film resistor
  METAL OXIDE : Metal Oxide-film resistor
  F : nonflammable
- Items marked "＊" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: μ, for example:
  uA....: μA...., uPA....: μPA....
  uPB....: μPB...., uPC....: μPC....
  uPD....: μPD....
- CAPACITORS
  uF: μF
- COILS
  uH: μH

When indicating parts by reference number, please include the board name.



Ref. No.	Part No.	Description			Remark
	＊ 1-638-849-11	INPUT BOARD			
		**********			
		< CAPACITOR >			
C115	1-102-112-00	CERAMIC	330PF	10% 50V	
C215	1-102-112-00	CERAMIC	330PF	10% 50V	
C315	1-102-112-00	CERAMIC	330PF	10% 50V	
C415	1-102-112-00	CERAMIC	330PF	10% 50V	
C938	1-102-112-00	CERAMIC	330PF	10% 50V	
		< CONNECTOR >			
CNJ111	1-573-173-11	JACK, PIN (4P) (INPUT)			
**********					
	＊ 1-638-850-11	LED BOARD			
		*********			
		< DIODE >			
D954	8-719-979-90	DIODE	SLP-151B-60 (POWER)		
D955	8-719-938-11	DIODE	GL8PR24 (PROTECTION)		
**********					

Ref. No.	Part No.	Description			Remark
	＊ A-3273-496-A	MAIN BOARD, COMPLETE			
		**********			
	＊ 3-367-687-01	BRACKET (A)			
	3-396-140-01	SHEET (A), INSULATING			
	3-396-140-01	SHEET (B), INSULATING			
	3-367-691-01	SHEET (C), INSULATING			
	7-682-948-01	SCREW +PSW 3X8			
	7-685-645-79	SCREW +BVTP 3X6 TYPE2			
		< CAPACITOR >			
C111	1-102-110-00	CERAMIC	220PF	10% 50V	
C112	1-124-903-11	ELECT	1uF	20% 50V	
C113	1-102-963-00	CERAMIC	33PF	5% 50V	
C114	1-123-356-00	ELECT	10uF	20% 16V	
C121	1-130-491-00	MYLAR	0.047uF	5% 50V	
C122	1-130-491-00	MYLAR	0.047uF	5% 50V	
C123	1-130-491-00	MYLAR	0.047uF	5% 50V	
C124	1-136-166-00	MYLAR	0.12uF	5% 50V	
C125	1-136-162-00	FILM	0.056uF	5% 50V	
C126	1-130-481-00	MYLAR	0.0068uF	5% 50V	
C131	1-123-356-00	ELECT	10uF	20% 16V	
C132	1-102-951-00	CERAMIC	15PF	5% 50V	
C133	1-123-356-00	ELECT	10uF	20% 16V	
C151	1-123-356-00	ELECT	10uF	20% 16V	
C153	1-123-332-00	ELECT	47uF	20% 25V	
C154	1-102-953-00	CERAMIC	18PF	5% 50V	
C155	1-102-110-00	CERAMIC	220PF	10% 50V	
C156	1-130-493-00	MYLAR	0.068uF	5% 50V	
C157	1-123-381-00	ELECT	2.2uF	20% 100V	
C158	1-130-489-00	MYLAR	0.033uF	5% 50V	
C211	1-102-110-00	CERAMIC	220PF	10% 50V	
C212	1-124-903-11	ELECT	1uF	20% 50V	
C213	1-102-963-00	CERAMIC	33PF	5% 50V	

MAIN

Ref. No.	Part No.	Description			Remark
C214	1-123-356-00	ELECT	10uF	20% 16V	
C221	1-130-491-00	MYLAR	0.047uF	5% 50V	
C222	1-130-491-00	MYLAR	0.047uF	5% 50V	
C223	1-130-491-00	MYLAR	0.047uF	5% 50V	
C224	1-136-166-00	MYLAR	0.12uF	5% 50V	
C225	1-136-162-00	FILM	0.056uF	5% 50V	
C226	1-130-481-00	MYLAR	0.0068uF	5% 50V	
C251	1-123-356-00	ELECT	10uF	20% 16V	
C253	1-123-332-00	ELECT	47uF	20% 25V	
C254	1-102-953-00	CERAMIC	18PF	5% 50V	
C255	1-102-110-00	CERAMIC	220PF	10% 50V	
C256	1-130-493-00	MYLAR	0.068uF	5% 50V	
C257	1-123-381-00	ELECT	2.2uF	20% 100V	
C258	1-130-489-00	MYLAR	0.033uF	5% 50V	
C311	1-102-110-00	CERAMIC	220PF	10% 50V	
C312	1-124-903-11	ELECT	1uF	20% 50V	
C313	1-102-963-00	CERAMIC	33PF	5% 50V	
C314	1-123-356-00	ELECT	10uF	20% 16V	
C321	1-130-491-00	MYLAR	0.047uF	5% 50V	
C322	1-130-491-00	MYLAR	0.047uF	5% 50V	
C323	1-130-491-00	MYLAR	0.047uF	5% 50V	
C324	1-136-166-00	MYLAR	0.12uF	5% 50V	
C325	1-136-162-00	FILM	0.056uF	5% 50V	
C326	1-130-481-00	MYLAR	0.0068uF	5% 50V	
C331	1-123-356-00	ELECT	10uF	20% 16V	
C332	1-102-951-00	CERAMIC	15PF	5% 50V	
C333	1-123-356-00	ELECT	10uF	20% 16V	
C351	1-123-356-00	ELECT	10uF	20% 16V	
C353	1-123-332-00	ELECT	47uF	20% 25V	
C354	1-102-953-00	CERAMIC	18PF	5% 50V	
C355	1-102-110-00	CERAMIC	220PF	10% 50V	
C356	1-130-493-00	MYLAR	0.068uF	5% 50V	
C357	1-123-381-00	ELECT	2.2uF	20% 100V	
C358	1-130-489-00	MYLAR	0.033uF	5% 50V	
C411	1-102-110-00	CERAMIC	220PF	10% 50V	
C412	1-124-903-11	ELECT	1uF	20% 50V	
C413	1-102-963-00	CERAMIC	33PF	5% 50V	
C414	1-123-356-00	ELECT	10uF	20% 16V	
C421	1-130-491-00	MYLAR	0.047uF	5% 50V	
C422	1-130-491-00	MYLAR	0.047uF	5% 50V	
C423	1-130-491-00	MYLAR	0.047uF	5% 50V	
C424	1-136-166-00	MYLAR	0.12uF	5% 50V	
C425	1-136-162-00	FILM	0.056uF	5% 50V	
C426	1-130-481-00	MYLAR	0.0068uF	5% 50V	
C451	1-123-356-00	ELECT	10uF	20% 16V	
C453	1-123-332-00	ELECT	47uF	20% 25V	
C454	1-102-953-00	CERAMIC	18PF	5% 50V	
C455	1-102-110-00	CERAMIC	220PF	10% 50V	

Ref. No.	Part No.	Description			Remark
C456	1-130-493-00	MYLAR	0.068uF	5% 50V	
C457	1-123-381-00	ELECT	2.2uF	20% 100V	
C458	1-130-489-00	MYLAR	0.033uF	5% 50V	
C911	1-102-129-00	CERAMIC	10000PF	10% 50V	
C931	1-136-366-00	FILM	0.1uF	5% 50V	
C932	1-102-129-00	CERAMIC	10000PF	10% 50V	
C933	1-136-366-00	FILM	0.1uF	5% 50V	
C934	1-126-101-11	ELECT	100uF	20% 16V	
C935	1-123-306-00	ELECT	47uF	20% 10V	
C936	1-136-366-00	FILM	0.1uF	5% 50V	
C937	1-136-366-00	FILM	0.1uF	5% 50V	
C941	1-123-306-00	ELECT	47uF	20% 10V	
C942	1-102-129-00	CERAMIC	10000PF	10% 50V	
C943	1-123-306-00	ELECT	47uF	20% 10V	
C944	1-102-129-00	CERAMIC	10000PF	10% 50V	
C951	1-126-995-11	ELECT	3300uF	20% 50V	
C952	1-126-995-11	ELECT	3300uF	20% 50V	
C953	1-126-994-11	ELECT	6800uF	20% 42V	
C954	1-126-994-11	ELECT	6800uF	20% 42V	
C955	1-102-112-00	CERAMIC	330PF	10% 50V	
C956	1-102-112-00	CERAMIC	330PF	10% 50V	
C957	1-102-820-00	CERAMIC	330PF	5% 50V	
C958	1-102-820-00	CERAMIC	330PF	5% 50V	
C959	1-136-366-00	FILM	0.1uF	5% 50V	
C960	1-126-993-11	ELECT	3900uF	20% 16V	
C961	1-126-993-11	ELECT	3900uF	20% 16V	
C962	1-136-367-11	FILM	470PF	5% 50V	
C963	1-123-306-00	ELECT	47uF	20% 10V	
C964	1-161-063-00	CERAMIC	0.1uF	10% 50V	
C965	1-130-493-00	MYLAR	0.068uF	5% 50V	
C966	1-130-493-00	MYLAR	0.068uF	5% 50V	
		< DIODE >			
D151	8-719-815-85	DIODE	1S1585		
D152	8-719-815-85	DIODE	1S1585		
D251	8-719-815-85	DIODE	1S1585		
D252	8-719-815-85	DIODE	1S1585		
D351	8-719-815-85	DIODE	1S1585		
D352	8-719-815-85	DIODE	1S1585		
D451	8-719-815-85	DIODE	1S1585		
D452	8-719-815-85	DIODE	1S1585		
D911	8-719-815-85	DIODE	1S1585		
D912	8-719-109-97	DIODE	RD6.8ES-B2		
D913	8-719-110-49	DIODE	RD18ES-B2		
D914	8-719-981-30	DIODE	D6A2		
D915	8-719-815-85	DIODE	1S1585		
D916	8-719-010-34	DIODE	UZ-4.7BSC		
D931	8-719-815-85	DIODE	1S1585		

Ref. No.	Part No.	Description	Remark
D932	8-719-109-97	DIODE RD6.8ES-B2	
D933	8-719-110-60	DIODE RD24ES-B	
D934	8-719-815-85	DIODE 1S1585	
D935	8-719-110-60	DIODE RD24ES-B	
D951	8-719-301-26	DIODE CTG-33R	
D952	8-719-301-27	DIODE CTG-33S	
D953	8-719-110-14	DIODE RD9.1ESB3	
		< IC >	
IC111	8-759-710-73	IC NJM4580L	
IC121	8-759-710-73	IC NJM4580L	
IC131	8-759-710-73	IC NJM4580L	
IC151	8-759-109-06	IC uPC1298V	
IC221	8-759-710-73	IC NJM4580L	
IC251	8-759-109-06	IC uPC1298V	
IC311	8-759-710-73	IC NJM4580L	
IC321	8-759-710-73	IC NJM4580L	
IC351	8-759-109-06	IC uPC1298V	
IC421	8-759-710-73	IC NJM4580L	
IC451	8-759-109-06	IC uPC1298V	
IC911	8-759-701-70	IC NJM79M15FA	
IC912	8-759-982-36	IC RC78M15FA	
IC913	8-759-111-68	IC uPC1237HA	
IC914	8-759-420-66	IC MN3102	
		< COIL >	
L151	* 1-428-101-11	COIL, AIR-CORE	
L251	* 1-428-101-11	COIL, AIR-CORE	
L351	* 1-428-101-11	COIL, AIR-CORE	
L451	* 1-428-101-11	COIL, AIR-CORE	
L911	1-424-325-11	COIL, CHOKE 64uH	
L912	1-424-325-11	COIL, CHOKE 64uH	
		< TRANSISTOR >	
Q151	8-729-102-57	TRANSISTOR 2SC3012	
Q152	8-729-102-47	TRANSISTOR 2SA1232	
Q153	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q154	8-729-178-43	TRANSISTOR 2SC2784	
Q251	8-729-102-57	TRANSISTOR 2SC3012	
Q252	8-729-102-47	TRANSISTOR 2SA1232	
Q253	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q254	8-729-178-43	TRANSISTOR 2SC2784	
Q351	8-729-102-57	TRANSISTOR 2SC3012	
Q352	8-729-102-47	TRANSISTOR 2SA1232	
Q353	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q354	8-729-178-43	TRANSISTOR 2SC2784	
Q451	8-729-102-57	TRANSISTOR 2SC3012	
Q452	8-729-102-47	TRANSISTOR 2SA1232	
Q453	8-729-119-78	TRANSISTOR 2SC2785-HFE	

Ref. No.	Part No.	Description	Remark
Q454	8-729-178-43	TRANSISTOR 2SC2784	
Q911	8-729-178-43	TRANSISTOR 2SC2784	
Q912	8-729-900-63	TRANSISTOR DTA124ES	
Q913	8-729-822-58	TRANSISTOR 2SB631KE	
Q914	8-729-178-43	TRANSISTOR 2SC2784	
Q915	8-729-900-63	TRANSISTOR DTA124ES	
Q916	8-729-900-63	TRANSISTOR DTA124ES	
Q931	8-729-900-63	TRANSISTOR DTA124ES	
Q932	8-729-905-52	TRANSISTOR 2SD1055	
Q951	8-729-322-53	TRANSISTOR 2SK1192	
Q952	8-729-322-53	TRANSISTOR 2SK1192	
Q953	8-729-322-53	TRANSISTOR 2SK1192	
Q954	8-729-322-53	TRANSISTOR 2SK1192	
Q960	8-729-265-52	TRANSISTOR 2SC2655	
Q961	8-729-374-02	TRANSISTOR 2SB740	
Q962	8-729-374-02	TRANSISTOR 2SB740	
Q963	8-729-265-52	TRANSISTOR 2SC2655	
		< RESISTOR >	
R111	1-249-417-11	CARBON 1K 5% 1/4W	
R112	1-249-429-11	CARBON 10K 5% 1/4W	
R113	1-249-441-11	CARBON 100K 5% 1/4W	
R114	1-249-414-11	CARBON 560 5% 1/4W	
R115	1-249-441-11	CARBON 100K 5% 1/4W	
R116	1-249-429-11	CARBON 10K 5% 1/4W	
R117	1-249-424-11	CARBON 3.9K 5% 1/4W	
R121	1-247-866-11	CARBON 30K 5% 1/4W	
R122	1-247-887-00	CARBON 220K 5% 1/4W	
R123	1-249-430-11	CARBON 12K 5% 1/4W	
R124	1-249-438-11	CARBON 56K 5% 1/4W	
R125	1-249-438-11	CARBON 56K 5% 1/4W	
R126	1-249-438-11	CARBON 56K 5% 1/4W	
R131	1-249-417-11	CARBON 1K 5% 1/4W	
R132	1-249-417-11	CARBON 1K 5% 1/4W	
R133	1-249-437-11	CARBON 47K 5% 1/4W	
R134	1-249-437-11	CARBON 47K 5% 1/4W	
R135	1-249-441-11	CARBON 100K 5% 1/4W	
R151	1-249-417-11	CARBON 1K 5% 1/4W	
R152	1-249-433-11	CARBON 22K 5% 1/4W	
R153	1-249-414-11	CARBON 560 5% 1/4W	
R154	1-249-433-11	CARBON 22K 5% 1/4W	
R155	1-249-417-11	CARBON 1K 5% 1/4W	
R156	1-249-403-11	CARBON 68 5% 1/4W	
R157	1-249-420-11	CARBON 1.8K 5% 1/4W	
R158	1-249-431-11	CARBON 15K 5% 1/4W	
R159	1-205-991-11	CEMENT 0.1X2	
R161	1-249-426-11	CARBON 5.6K 5% 1/4W	
R162	1-249-439-11	CARBON 68K 5% 1/4W	
R163	1-249-429-11	CARBON 10K 5% 1/4W	

MAIN

Ref. No.	Part No.	Description				Remark
R164	1-215-857-11	METAL OXIDE	10	5%	1W	F
R165	1-215-857-11	METAL OXIDE	10	5%	1W	F
R166	1-247-887-00	CARBON	220K	5%	1/4W	
R167	1-247-887-00	CARBON	220K	5%	1/4W	
R168	1-247-897-11	CARBON	560K	5%	1/4W	
R169	1-249-438-11	CARBON	56K	5%	1/4W	
R211	1-249-417-11	CARBON	1K	5%	1/4W	
R212	1-249-429-11	CARBON	10K	5%	1/4W	
R213	1-249-441-11	CARBON	100K	5%	1/4W	
R214	1-249-414-11	CARBON	560	5%	1/4W	
R215	1-249-441-11	CARBON	100K	5%	1/4W	
R216	1-249-429-11	CARBON	10K	5%	1/4W	
R217	1-249-424-11	CARBON	3.9K	5%	1/4W	
R221	1-247-866-11	CARBON	30K	5%	1/4W	
R222	1-247-887-00	CARBON	220K	5%	1/4W	
R223	1-249-430-11	CARBON	12K	5%	1/4W	
R224	1-249-438-11	CARBON	56K	5%	1/4W	
R225	1-249-438-11	CARBON	56K	5%	1/4W	
R226	1-249-438-11	CARBON	56K	5%	1/4W	
R251	1-249-417-11	CARBON	1K	5%	1/4W	
R252	1-249-433-11	CARBON	22K	5%	1/4W	
R253	1-249-414-11	CARBON	560	5%	1/4W	
R254	1-249-433-11	CARBON	22K	5%	1/4W	
R255	1-249-417-11	CARBON	1K	5%	1/4W	
R256	1-249-403-11	CARBON	68	5%	1/4W	
R257	1-249-420-11	CARBON	1.8K	5%	1/4W	
R258	1-249-431-11	CARBON	15K	5%	1/4W	
R259	1-205-991-11	CEMENT 0.1X2				
R261	1-249-426-11	CARBON	5.6K	5%	1/4W	
R262	1-249-439-11	CARBON	68K	5%	1/4W	
R263	1-249-429-11	CARBON	10K	5%	1/4W	
R264	1-215-857-11	METAL OXIDE	10	5%	1W	F
R265	1-215-857-11	METAL OXIDE	10	5%	1W	F
R266	1-247-887-00	CARBON	220K	5%	1/4W	
R267	1-247-887-00	CARBON	220K	5%	1/4W	
R268	1-247-897-11	CARBON	560K	5%	1/4W	
R269	1-249-438-11	CARBON	56K	5%	1/4W	
R311	1-249-417-11	CARBON	1K	5%	1/4W	
R312	1-249-429-11	CARBON	10K	5%	1/4W	
R313	1-249-441-11	CARBON	100K	5%	1/4W	
R314	1-249-414-11	CARBON	560	5%	1/4W	
R315	1-249-441-11	CARBON	100K	5%	1/4W	
R316	1-249-429-11	CARBON	10K	5%	1/4W	
R317	1-249-424-11	CARBON	3.9K	5%	1/4W	
R321	1-247-866-11	CARBON	30K	5%	1/4W	
R322	1-247-887-00	CARBON	220K	5%	1/4W	
R323	1-249-430-11	CARBON	12K	5%	1/4W	
R324	1-249-438-11	CARBON	56K	5%	1/4W	
R325	1-249-438-11	CARBON	56K	5%	1/4W	

Ref. No.	Part No.	Description				Remark
R326	1-249-438-11	CARBON	56K	5%	1/4W	
R331	1-249-417-11	CARBON	1K	5%	1/4W	
R332	1-249-417-11	CARBON	1K	5%	1/4W	
R333	1-249-437-11	CARBON	47K	5%	1/4W	
R334	1-249-437-11	CARBON	47K	5%	1/4W	
R335	1-249-441-11	CARBON	100K	5%	1/4W	
R351	1-249-417-11	CARBON	1K	5%	1/4W	
R352	1-249-433-11	CARBON	22K	5%	1/4W	
R353	1-249-414-11	CARBON	560	5%	1/4W	
R354	1-249-433-11	CARBON	22K	5%	1/4W	
R355	1-249-417-11	CARBON	1K	5%	1/4W	
R356	1-249-403-11	CARBON	68	5%	1/4W	
R357	1-249-420-11	CARBON	1.8K	5%	1/4W	
R358	1-249-431-11	CARBON	15K	5%	1/4W	
R359	1-205-991-11	CEMENT 0.1X2				
R361	1-249-426-11	CARBON	5.6K	5%	1/4W	
R362	1-249-439-11	CARBON	68K	5%	1/4W	
R363	1-249-429-11	CARBON	10K	5%	1/4W	
R364	1-215-857-11	METAL OXIDE	10	5%	1W	F
R365	1-215-857-11	METAL OXIDE	10	5%	1W	F
R366	1-247-887-00	CARBON	220K	5%	1/4W	
R367	1-247-887-00	CARBON	220K	5%	1/4W	
R368	1-247-897-11	CARBON	560K	5%	1/4W	
R369	1-249-438-11	CARBON	56K	5%	1/4W	
R411	1-249-417-11	CARBON	1K	5%	1/4W	
R412	1-249-429-11	CARBON	10K	5%	1/4W	
R413	1-249-441-11	CARBON	100K	5%	1/4W	
R414	1-249-414-11	CARBON	560	5%	1/4W	
R415	1-249-441-11	CARBON	100K	5%	1/4W	
R416	1-249-429-11	CARBON	10K	5%	1/4W	
R417	1-249-424-11	CARBON	3.9K	5%	1/4W	
R421	1-247-866-11	CARBON	30K	5%	1/4W	
R422	1-247-887-00	CARBON	220K	5%	1/4W	
R423	1-249-430-11	CARBON	12K	5%	1/4W	
R424	1-249-438-11	CARBON	56K	5%	1/4W	
R425	1-249-438-11	CARBON	56K	5%	1/4W	
R426	1-249-438-11	CARBON	56K	5%	1/4W	
R451	1-249-417-11	CARBON	1K	5%	1/4W	
R452	1-249-433-11	CARBON	22K	5%	1/4W	
R453	1-249-414-11	CARBON	560	5%	1/4W	
R454	1-249-433-11	CARBON	22K	5%	1/4W	
R455	1-249-417-11	CARBON	1K	5%	1/4W	
R456	1-249-403-11	CARBON	68	5%	1/4W	
R457	1-249-420-11	CARBON	1.8K	5%	1/4W	
R458	1-249-431-11	CARBON	15K	5%	1/4W	
R459	1-205-991-11	CEMENT 0.1X2				
R461	1-249-426-11	CARBON	5.6K	5%	1/4W	
R462	1-249-439-11	CARBON	68K	5%	1/4W	
R463	1-249-429-11	CARBON	10K	5%	1/4W	

MAIN **OUTPUT(AB)** **OUTPUT(CD)** **POWER**

Ref. No.	Part No.	Description				Remark
R464	1-215-857-11	METAL OXIDE	10	5%	1W	F
R465	1-215-857-11	METAL OXIDE	10	5%	1W	F
R466	1-247-887-00	CARBON	220K	5%	1/4W	
R467	1-247-887-00	CARBON	220K	5%	1/4W	
R468	1-247-897-11	CARBON	560K	5%	1/4W	
R469	1-249-438-11	CARBON	56K	5%	1/4W	
R912	1-249-417-11	CARBON	1K	5%	1/4W	
R913	1-249-417-11	CARBON	1K	5%	1/4W	
R914	1-249-421-11	CARBON	2.2K	5%	1/4W	
R915	1-249-423-11	CARBON	3.3K	5%	1/4W	
R916	1-249-417-11	CARBON	1K	5%	1/4W	
R917	1-249-421-11	CARBON	2.2K	5%	1/4W	
R918	1-249-429-11	CARBON	10K	5%	1/4W	
R919	1-249-421-11	CARBON	2.2K	5%	1/4W	
R931	1-249-437-11	CARBON	47K	5%	1/4W	
R932	1-249-437-11	CARBON	47K	5%	1/4W	
R933	1-249-429-11	CARBON	10K	5%	1/4W	
R934	1-249-437-11	CARBON	47K	5%	1/4W	
R935	1-249-423-11	CARBON	3.3K	5%	1/4W	
R936	1-249-420-11	CARBON	1.8K	5%	1/4W	
R937	1-249-417-11	CARBON	1K	5%	1/4W	
R941	1-215-863-11	METAL OXIDE	100	5%	1W	F
R942	1-215-863-11	METAL OXIDE	100	5%	1W	F
R951	1-249-405-11	CARBON	100	5%	1/4W	
R952	1-249-405-11	CARBON	100	5%	1/4W	
R953	1-249-393-11	CARBON	10	5%	1/4W	
R954	1-249-393-11	CARBON	10	5%	1/4W	
R955	1-249-393-11	CARBON	10	5%	1/4W	
R956	1-249-393-11	CARBON	10	5%	1/4W	
R961	1-249-421-11	CARBON	2.2K	5%	1/4W	
R962	1-249-431-11	CARBON	15K	5%	1/4W	
R963	1-216-429-00	METAL OXIDE	270	5%	1W	F
R964	1-249-417-11	CARBON	1K	5%	1/4W	
R965	1-249-426-11	CARBON	5.6K	5%	1/4W	
R966	1-249-426-11	CARBON	5.6K	5%	1/4W	
R967	1-249-417-11	CARBON	1K	5%	1/4W	
R968	1-249-417-11	CARBON	1K	5%	1/4W	
R969	1-249-405-11	CARBON	100	5%	1/4W	
R970	1-249-405-11	CARBON	100	5%	1/4W	
R971	1-249-405-11	CARBON	100	5%	1/4W	
R972	1-249-405-11	CARBON	100	5%	1/4W	
		< RELAY >				
RY911	1-515-774-11	RELAY				
RY912	1-515-774-11	RELAY				

Ref. No.	Part No.	Description	Remark
		< SWITCH >	
SW111	1-572-753-11	SWITCH (FILTER)	
SW121	1-572-753-11	SWITCH (INPUT MODE)	
SW311	1-572-753-11	SWITCH (FILTER)	
SW321	1-572-753-11	SWITCH (INPUT MODE)	
		< TRANSFORMER >	
T911	1-449-919-11	TRANSFORMER, POWER	
		< THERMISTOR >	
TH911	1-800-427-00	POSISTOR	
TH912	1-800-427-00	POSISTOR	
TH913	1-800-427-00	POSISTOR	
		< VARIABLE RESISTOR >	
VR101	1-241-500-11	RES, VAR (LEVEL)	
VR301	1-241-500-11	RES, VAR (LEVEL)	
**********			
*	1-638-847-11	OUTPUT (AB) BOARD	
		**********	
		< CONNECTOR >	
CNP912	1-537-252-11	TERMINAL BOARD (4P) (SPEAKER OUT A+B)	
**********			
*	1-638-847-11	OUTPUT (CD) BOARD	
		**********	
		< CONNECTOR >	
CNP913	1-537-252-11	TERMINAL BOARD (4P) (SPEAKER OUT C+D)	
**********			
*	1-638-851-11	POWER BOARD	
		**********	
		< CONNECTOR >	
CNP911	1-537-251-11	TERMINAL BOARD (3P) (REM, +12V, GND)	
		< FUSE HOLDER >	
F911	1-533-226-11	FUSE HOLDER (BRAID) (30A)	
F912	1-533-226-11	FUSE HOLDER (BRAID) (30A)	
**********			

TRANSFORMER

Ref.No.	Part No.	Description	Remark
	* 1-638-852-11	TRANSFORMER BOARD	
		**********	
		< COIL >	
L951	1-424-324-11	COIL, CHOKE 0.4MMH	
		MISCELLANEOUS	
		**********	
57	1-532-947-11	FUSE (BRADE TYPE) (AUTO FUSE) (30A)	
		ACCESSORY & PACKING MATERIAL	
		**********	
	* 3-368-041-01	INDIVIDUAL CARTON (U)	
	3-395-839-12	SCREW (DIA. 5), TAPPING	
	* 3-396-149-01	CUSHION (F)	
	* 3-396-150-01	CUSHION (R)	
	* 3-704-282-01	BAG (STANDARD), PROTECTION	
	3-753-183-11	MANUAL, INSTRUCTION (AEP/UK/E/Germany) (ENGLISH)	
	3-753-183-21	MANUAL, INSTRUCTION (US/Canadian) (ENGLISH/FRENCH)	
	3-753-183-41	MANUAL, INSTRUCTION (AEP/UK) (ENGLISH)	

HARDWARE LIST

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# 1	7-685-647-79	SCREW +P 3X10 TYPE2 SLIT
# 2	7-685-245-19	SCREW +KTP 3X6 TYPE2 NON-SLIT
# 3	7-685-645-79	SCREW +P 3X6 TYPE2 SLIT
# 4	7-685-650-79	SCREW +BTP 3X16 TYPE2 N-S
# 6	7-682-948-01	SCREW +PSW 3X8
# 7	7-685-646-79	SCREW +BTP 3X8 TYPE2 N-S
# 8	7-685-648-79	SCREW +P 3X12 TYPE2 SLIT

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